

The present invention relates to a process of increasing the expression of TGF- β_1 by cells in a mammalian patient, comprising administering to the patient an effective amount of stressed mammalian blood cells, said stressed cells having been
5 extracorporeally subjected to at least one stressor selected from oxidative stress and ultraviolet radiation. The process of the present invention shows potential in the treatment of ulcers in mammalian patients.